



## COMMUNITY COLLABORATIVE RAIN, HAIL & SNOW NETWORK

*"Because every drop counts"*

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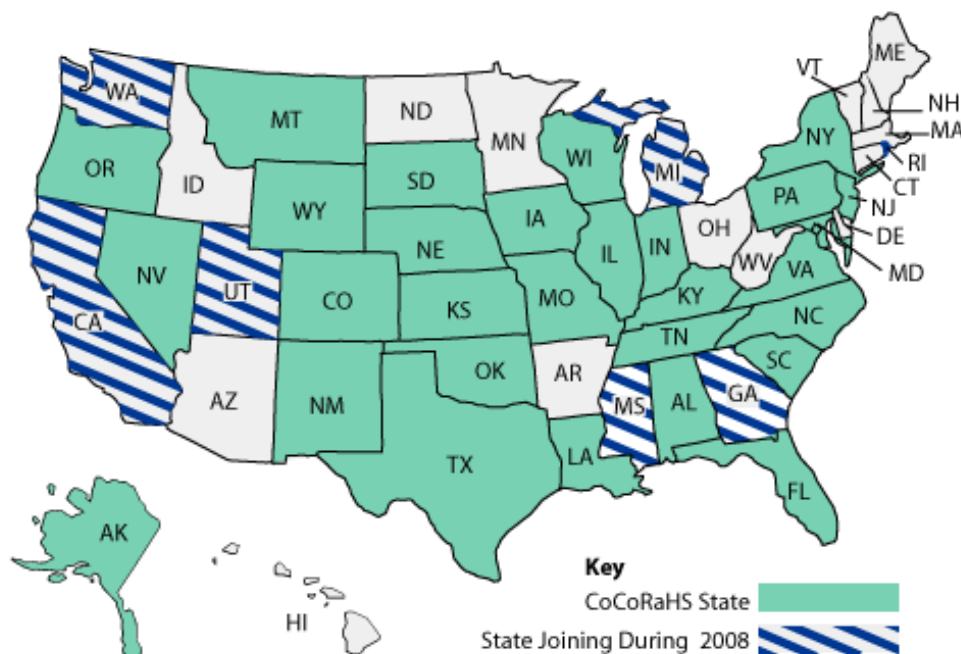
### Welcome to CoCoRaHS

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#### Things to know about...



**Rain**



**Hail**



**Snow**

### CoCoRaHS March Madness 2008

### March 1-31, 2008

HOW MANY NEW VOLUNTEERS CAN YOU RECRUIT IN YOUR STATE!



# CoCoRaHs-Montana



- 148 Observers
- 47 Counties





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## Montana

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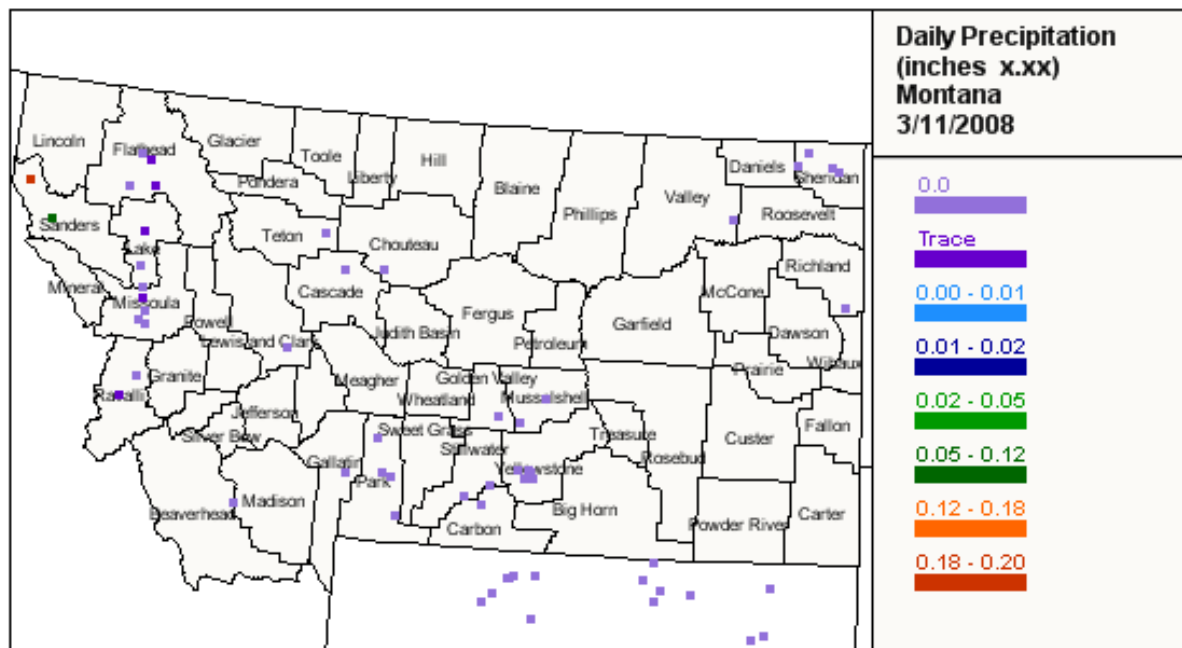
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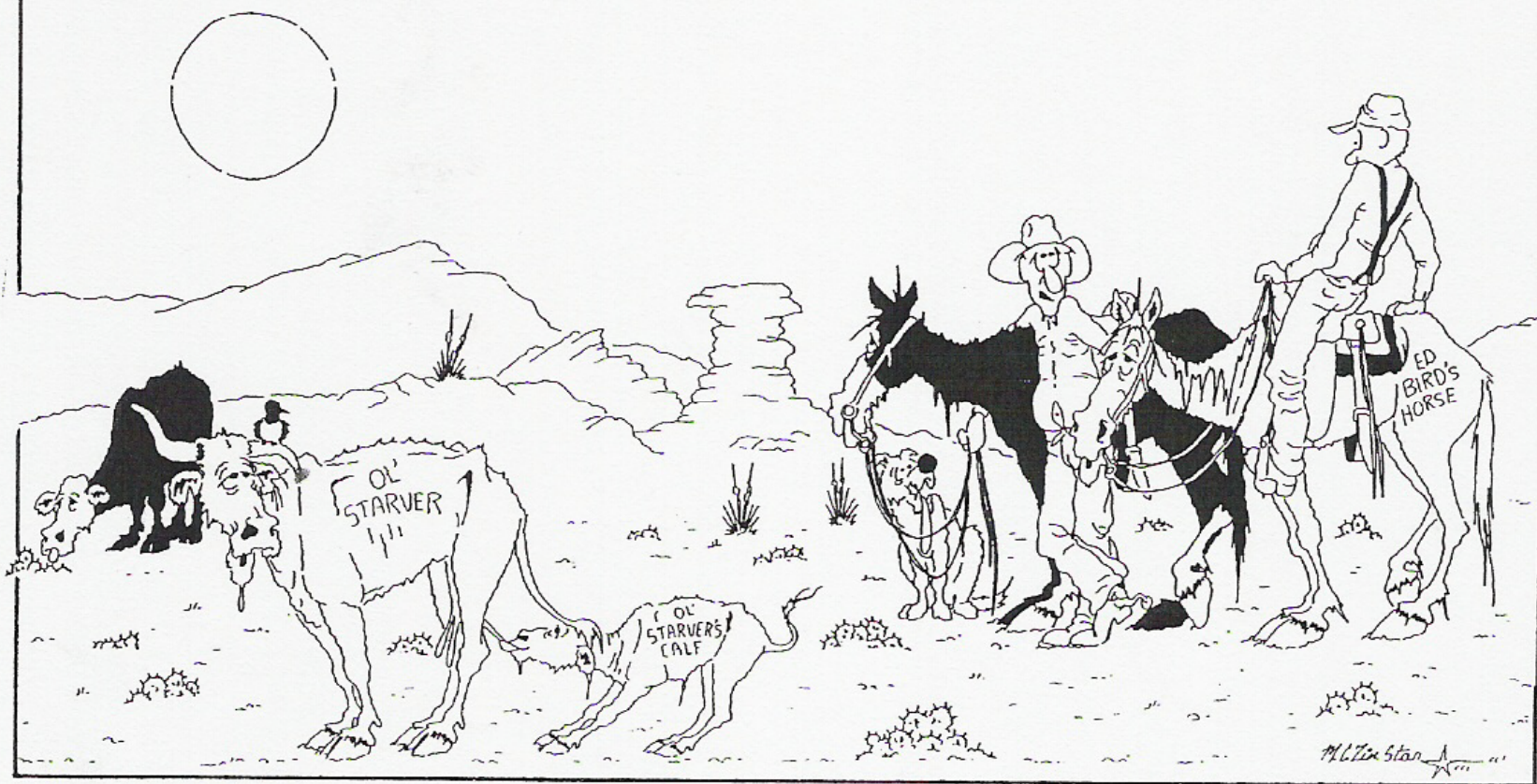
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EARL...



"NO, ED... WE AIN'T OVERSTOCKED, WE'RE JUST UNDER-RAINED!"

Big Dry Syndicate

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# CoCoRaHS Montana

## *Observations in Big Sky Country*

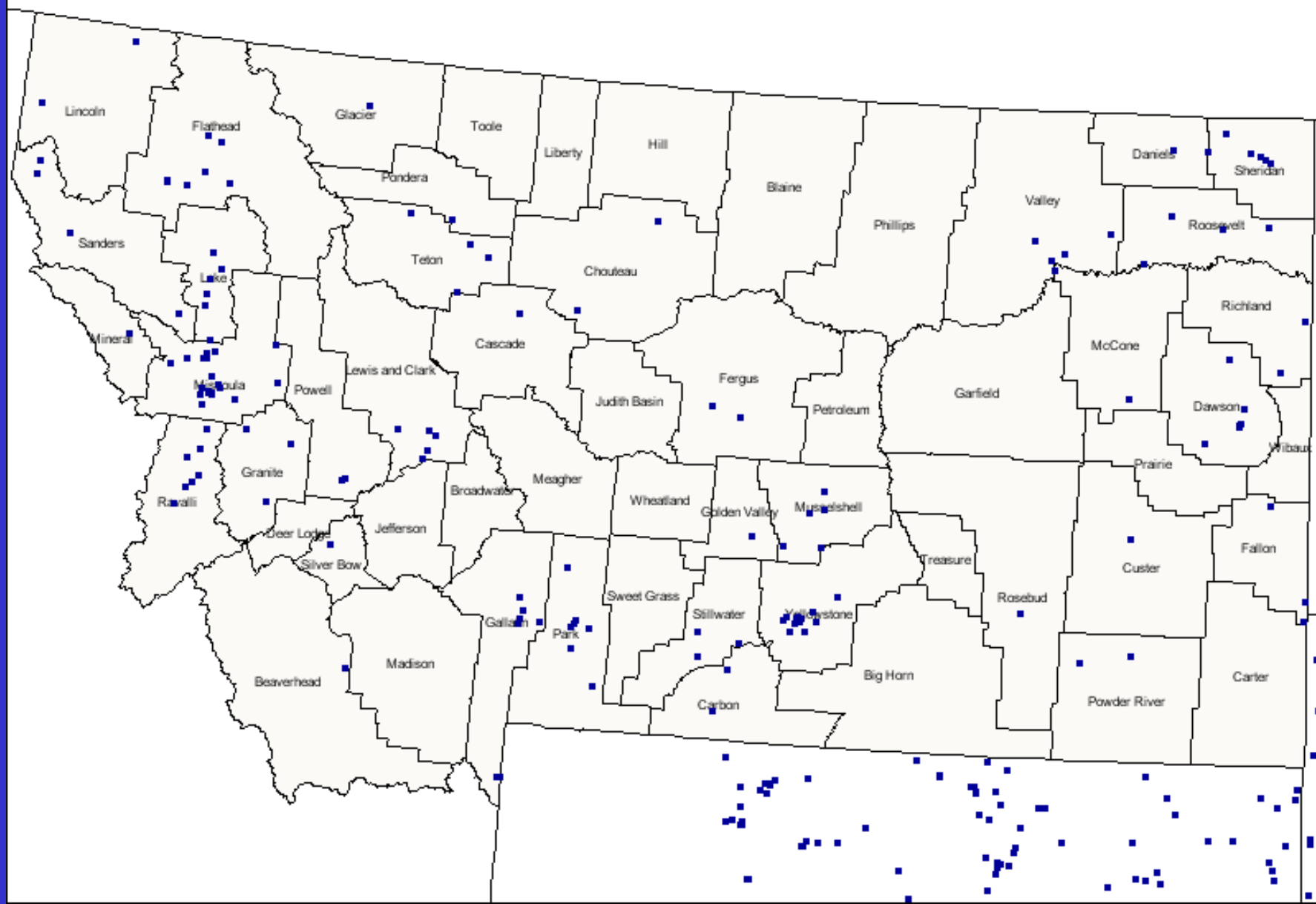
### CoCoRaHS Montana now has 145 observers in 37 Montana Counties!

John Pulasky will be at the Northeast Farm Expo in Plentywood on Saturday March 15th! He will be giving a presentation with NE Montana CoCoRaHS coordinator Tanja Fransen on the State of the Weather in Montana. We'll also be highlighting the CoCoRaHS program, so come and have your questions ready!

### Upcoming CoCoRaHS Training Sessions:

Date	Time	Location
4/7/08	2-4 pm	Sidney USDA ARS Facility
4/7/08	6-8 pm	Sidney USDA ARS Facility
4/9/08	6-8 pm	Zortman School
4/10/08	6-8 pm	Scobey-Nemont Friendship Room
4/14/08	6-8 pm	Fort Peck Interpretive Center
4/29/08	6-8 pm	Jordan Senior Center
5/5/08	6-8 pm	Opheim School Gymnasium
5/12/08	3-430 pm	Baker-Senior Citizens Center

Active Stations  
Montana

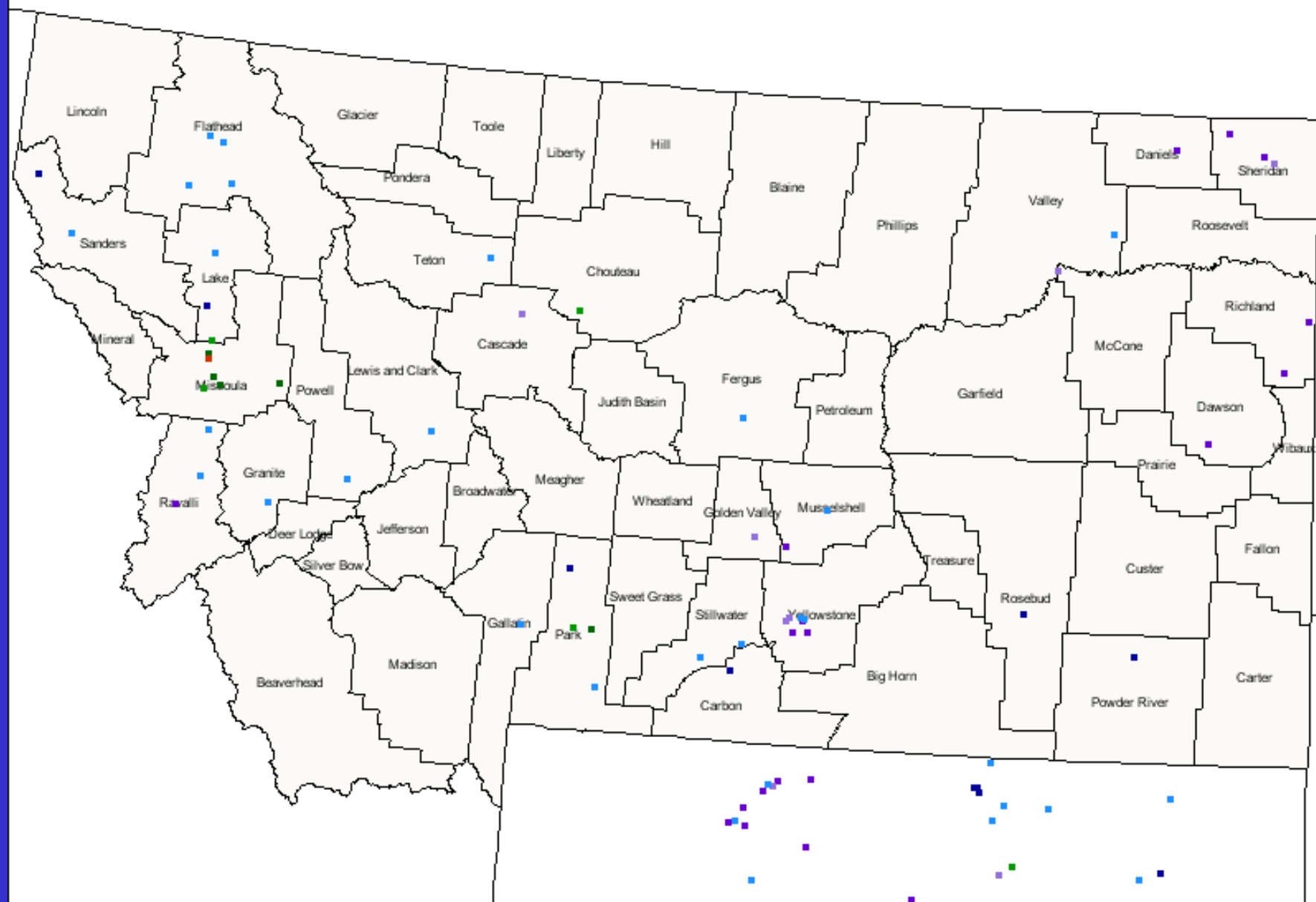




Daily Precipitation (inches x.xx), for the 24 hour period ending ~7:00 am

Montana 3/5/2008

0.0 Trace 0.01 - 0.06 0.06 - 0.11 0.11 - 0.28 0.28 - 0.66 0.66 - 0.99 0.99 - 1.10





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## View Data : Daily Precipitation Reports By State

### Montana Daily Precipitation Reports

**Display Date:** 


Showing 33 Records.

<u>Date</u> ▲	<u>Time</u>	<u>Station Number</u>	<u>Station Name</u>	<u>Total Precip</u> <u>.in</u>	<u>New Snow</u> <u>.in</u>	<u>Total Snow</u> <u>.in</u>	<u>State</u>	<u>County</u>	<u>View</u>
9/25/2007	5:37 AM	MT-YS-6	Billings 3.1 W	0.00	0.0	NA	MT	Yellowstone	
9/25/2007	6:00 AM	MT-TN-3	Dutton 3.3 ENE	0.00	0.0	NA	MT	Teton	
9/25/2007	6:30 AM	MT-DN-1	Flaxville 5.1 E	0.00	0.0	NA	MT	Daniels	
9/25/2007	7:00 AM	MT-CC-1	Great Falls 2.5 NNW	0.00	0.0	NA	MT	Cascade	
9/25/2007	7:00 AM	MT-DW-2	Glendive 16.9 WSW	0.00	0.0	NA	MT	Dawson	
9/25/2007	7:00 AM	MT-FH-7	Columbia Falls .9 WNW	0.00	0.0	NA	MT	Flathead	
9/25/2007	7:00 AM	MT-GT-2	Missoula 23.1 SE	0.00	0.0	NA	MT	Granite	
9/25/2007	7:00 AM	MT-LK-3	Polson .5 E	0.00	0.0	NA	MT	Lake	
9/25/2007	7:00 AM	MT-LK-6	Arlee	T	0.0	NA	MT	Lake	
9/25/2007	7:00 AM	MT-MS-10	Missoula 2.7 S	T	0.0	NA	MT	Missoula	
9/25/2007	7:00 AM	MT-PK-2	Livingston 28.7 SSE	0.00	0.0	NA	MT	Park	
9/25/2007	7:00 AM	MT-PK-4	Livingston 0.4 SSW	0.00	0.0	NA	MT	Park	
9/25/2007	7:00 AM	MT-PK-5	Wilsall 0.3 NW	0.00	0.0	NA	MT	Park	
9/25/2007	7:00 AM	MT-PR-1	Broadus 18.8 NNW	0.10	0.0	NA	MT	Powder River	
9/25/2007	7:00 AM	MT-PV-6	Hamilton 2.0 SE	0.00	0.0	NA	MT	Pavali	

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MONTANA COCORAHS DAILY SUMMARY  
NATIONAL WEATHER SERVICE MISSOULA MT  
1100 AM MST WED APR 16 2008

COCORAHS DAILY REPORTS FOR 4/16/2008

VALUES ARE FOR 24 HOUR PERIOD ENDING AT TIME OF OBSERVATION

SITE ID	STATION NAME	TIME OF OBS	TOTAL PRECIP	NEW SNOW	NEW SWE	SNOW DEPTH	TOTAL SWE
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NORTHEAST MONTANA (WFO GLASGOW):

MT-DN-1	FLAXVILLE 5.1 E	0545	0.10	0.0	--	--	--
MT-DN-2	SCOBAY 1.2 ENE	0800	0.12	0.0	--	--	--
MT-DW-2	GLENDIVE 16.9 WSW	0700	0.02	0.0	--	--	--
MT-RC-2	SIDNEY 3.5 NNE	0700	T	0.0	--	--	--
MT-RT-2	FROID 0.1 S	0700	0.11	0.0	--	--	--
MT-SH-1	PLENTYWOOD 4.6 SE	0700	0.02	0.0	--	--	--
MT-SH-3	OUTLOOK 5.6 WNW	0800	0.15	0.0	--	--	--
MT-SH-5	PLENTYWOOD 0.6 W	0741	0.02	0.0	0.00	0.0	0.00
MT-VL-1	FRAZER 15.6 NNE	0700	0.06	0.0	--	--	--
MT-VL-2	GLASGOW 0.3 N	0800	0.11	0.0	--	0.0	--
MT-VL-5	NASHUA 0.3 N	0700	0.11	0.0	--	--	--
MT-VL-6	FORT PECK 1.7 N	0700	0.13	0.0	--	--	--

SOUTHEAST MONTANA (WFO BILLINGS):

MT-CB-1	ROBERTS 5.9 NNW	0700	0.00	0.0	--	--	--
MT-MH-3	ROUNDUP 10.9 NNE	0700	0.08	0.0	--	--	--
MT-MH-4	ROUNDUP 6.2 ENE	0700	0.02	0.0	0.00	0.0	0.00
MT-MH-5	LAVINA 9.5 ESE	0800	0.08	0.0	0.08	0.0	0.08
MT-PK-2	LIVINGSTON 28.7 SSE	0700	0.53	7.1	--	--	--
MT-PK-4	LIVINGSTON 0.4 SSW	0700	0.43	0.0	--	--	--
MT-PK-5	WILLSALL 0.3 NW	0700	T	0.0	--	--	--
MT-PK-7	LIVINGSTON 6.6 ESE	0730	1.05	9.0	1.05	9.7	--
MT-PR-1	BROADUS 18.8 NNW	0700	0.08	0.0	--	--	--
MT-PR-2	VOLBORG 18 SW	0700	0.13	0.0	--	--	--
MT-PR-3	ASHLAND 11.9 E	0700	0.06	0.0	--	--	--
MT-RB-1	COLSTRIP 0.6 NE	0700	0.05	0.0	--	--	--
MT-SW-3	ABSAROKEE 0.6 S	0700	0.00	0.0	--	--	--
MT-YS-11	BILLINGS 7.4 SW	0800	0.00	0.0	--	0.0	--
MT-YS-12	BILLINGS 7.1 W	0700	T	T	--	0.0	--
MT-YS-13	BILLINGS 5.1 S	0730	T	0.0	--	--	--
MT-YS-5	BILLINGS 2.8 WNW	0745	T	0.0	--	--	--
MT-YS-7	BILLINGS 8.8 W	0800	0.00	0.0	--	--	--

CoCoRaHS 2 Day Rainfall total:

Values are for 48 hour period ending at time of observation on 4/11/08

Site ID	Station Name	Time	Total	New	New	Snow	Total
		of Obs	Precip	Snow	SWE	Depth	SWE
MT-DN-2	Scobey 1.2 ENE	0800	0.22	0.0	--	--	--
MT-DW-2	Glendive 16.9 WSW	0700	0.46	0.0	--	--	--
MT-RC-1	Savage 1.0 S	0700	0.17	0.0	--	--	--
MT-RT-2	Froid 0.1 S	0700	0.25	0.0	--	--	--
MT-SH-1	Plentywood 4.6 SE	0700	0.40	0.0	--	--	--
MT-SH-3	Outlook 5.6 WNW	0820	0.45	0.0	--	--	--
MT-SH-5	Plentywood 0.6 W	0650	0.58	0.0	--	--	--
MT-VL-1	Frazer 15.6 NNE	0700	0.26	0.0	--	--	--

Other observation site Storm Total Precipitation:

NWS Glasgow (Valley County):	.27"
Bredette (Roosevelt County):	.50"
Wolf Point (Roosevelt County):	.15"
Glendive (Dawson County):	.19"
Wibaux 2E (Wibaux County):	.28"
Terry (Prairie County):	.13"
Nashua (Valley County):	.15"
6E Sioux Pass (Richland County)	.39"
Westby (Sheridan County)	.16"
Culbertson (Roosevelt County)	.20"
Sidney (Richland County)	.09"

Western Garfield, southern Phillips and Petroleum Counties had the least amount of rainfall; with the ob sites reported less than 0.05"


We also had a few CoCoRaHS observers who only got in one observation (one I know was traveling), but their rainfall is worth mentioning:

24 hour total from 7 am April 9-430 am April 10: Flaxville 5.1E (Daniel County) had .30"

24 hour total from 7 am April 10 to 7 am April 11: Sidney 3.5NNE (Richland County) had .08"

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Tanja Fransen, Warning Coordination Meteorologist  
NOAA's National Weather Service Glasgow  
101 Airport Rd.  
Glasgow, MT 59230



**Our aim is  
to provide the highest quality  
data for natural resource,  
education and research  
applications.**





## About Us

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### What is CoCoRaHS??

CoCoRaHS is an acronym for the Community Collaborative Rain, Hail and Snow Network. CoCoRaHS is a unique, non-profit, community-based network of volunteers of all ages and backgrounds working together to measure and map precipitation (rain, hail and snow). By using low-cost measurement tools, stressing training and education, and utilizing an interactive Web-site, our aim is to provide the highest quality data for natural resource, education and research applications. We currently operate in many states across the country. If we are not in your state please drop us a line and let us know that you have an interest in participating. This helps us know where a desire exists for the network and where to focus our future expansion efforts.

# *Community Collaborative Rain, Hail & Snow Network*



*"Because every drop counts!"*

